

PRE-FLIGHT CHECKLIST FOR PERSONAL EQUIPMENT SECTION

1. Pre-Breathing Room (T.O. Minus 2:20):
 - ✓a. Orderliness
 - ✓b. Security
 - ✓c. Utilities (Electricity -- Air Conditioning)
2. Ground Vehicle Check (T.O. Minus 2:20):
 - ✓a. Walk Around check
 - ✓b. Starting
 - ✓c. On Board: Spare Pack (1) - Facepiece (1) - D-2, 425 psi (2) - Cushions (2) - Parachutes (2).
3. Aircraft Oxygen Check (T.O. Minus 2:20):
 - ✓a. Position Seat Pack in cockpit
 - ✓b. Oxygen pressure 1800 to 2000 psi
 - ✓c. Connect oxygen and check for flow
 - ✓d. Check radio through seat pack
 - ✓e. Check face piece heat on normal and by-pass
 - ✓f. Arrange placement of seat belt, harness, seat pack leads
4. Pre-Breathing (T.O. Minus 2:00):
 - a. Oxygen manifold and reduction system "ON"
 - b. 150 psi connected to console
 - c. Console check - flow and pressure 2 to 3 mm Hg
 - d. Fit underwear to pilot
 - e. Check and fit helmet assembly to pilot
 - f. Connect face piece to console - turn "ON"
 - g. Pre-breath pilot and note time "ON"
5. Check Personal Equipment:
 - ✓a. Suit condition
 - ✓b. Helmet
 - ✓c. Gloves

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Regulator
400 P.S.I.

- ~~d.~~ Boots
- ~~e.~~ Parachute
- ~~f.~~ Coveralls
- ~~g.~~ Face piece and carrier
- ~~h.~~ Store items in sequence of wear after check.
- ~~i.~~ Periodically insure pilot's oxygen supply adequacy and comfort

6. Clothing Pilot (T.O. Minus :30):

- ~~a.~~ Fit Pilot's suit assembly plus coveralls. Check all zippers, lacings and general appearance.
- ~~b.~~ Drinking water
- ~~c.~~ Remove pilot from console (Time noted); connect to D-2 charged 425 psi
- ~~d.~~ Escort pilot to vehicle and plane

7. At Aircraft (T.O. Minus :20):

- ~~a.~~ Fit parachute and back pack to pilot
- ~~b.~~ General evaluation of all garments
- ~~c.~~ Pilot hook-up in aircraft: Seat pack hook-up; engage capstan and breathing supply hoses; engage flight face piece to "T" block; connect amphenol; connect "U" plug; oxygen "ON"; check flow and change face piece; shoulder harness and seat belt; face piece heat check; press to test and check inflation.
- ~~d.~~ Recheck all items - get pilots approval
- ~~e.~~ Technician and vehicle remain "on line" until aircraft departure.

8. Post Flight:

- ~~a.~~ Report to aircraft at "Switch Off" time.
- ~~b.~~ Assist pilot out of aircraft and remove headgear.
- ~~c.~~ Remove personal equipment from cockpit.
- ~~d.~~ Return pilot to operations.
- ~~e.~~ Assist in removing clothing.
- ~~f.~~ Clean and perform minute inspection of all equipment.
- ~~g.~~ Report to de-briefing for pilot report.



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